

AMENDED CLAIMS

[Received by the International Bureau on 22 April 2004 (22.04.04);
Claim 11 rewritten as new claim 13 new claims 11 and 12 added; remaining claims unchanged (02 pages)]

1. A liquid thickened chlorine bleach composition comprising:
an active chlorine source;
5 at least one surfactant selected from anionic surfactants, amine oxides, and mixtures thereof;
at least one thickener selected from polycarboxylates, polyacrylamides, clays, gums, cellulose
derivatives, and mixtures thereof;
at least one abrasive material selected from oxides, carbonates, quartzes, siliceous chalk,
diatomaceous earth, colloidal silicon dioxide, alkali metasilicates, organic abrasive materials
10 selected from polyolefins, polyethylenes, polypropylenes, polyesters, polystyrenes, acetonitrile-
butadiene-styrene resins, melamines, polycarbonates, phenolic resins, epoxies and polyurethanes,
natural materials selected from rice hulls, corn cobs, and the like, nepheline syenite, or talc and
mixtures thereof;
water; and
15 optionally, one or more materials selected from perfumes and perfume stabilizers, builders,
rheology stabilizers; pH and buffering agents, electrolytes, pigments, colorants and the like.
2. The composition according to claim 1 wherein the surfactant is an amine oxide.
- 20 3. The composition according to any one of claims 1 to 2 wherein the surfactant is a mixture of
anionic surfactant and amine oxide.
4. The composition according to any one of claims 1 to 3 wherein the anionic surfactant is selected
from alkyl sulfates and alkyl ether sulfates.
- 25 5. The composition according to any one of claims 1 to 4 wherein the anionic surfactant is selected
from alkyl ether sulfates.
6. The composition according to any one of claims 1 to 5 wherein the thickener is a mixture of
30 polycarboxylates and clays.
7. The composition according to any one of claims 1 to 5 wherein the thickener is a mixture of
polycarboxylates and polyacrylamides.

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8. The composition according to any one of claims 1 to 5 wherein the thickener is a polycarboxylates.
- 5 9. The composition according to any one of claims 1 to 8 which contains a rheology modifier.
10. The composition according to any one of claims 1 to 9 wherein the pH of the composition is 12 or greater.
- 10 11. The composition according to any one of claims 1 to 10 wherein the active chlorine source is a hypochlorite bleach, and the surfactant does not comprise unsaturations.
12. The composition according to any one of claims 1 to 10 wherein the active chlorine source is a hypochlorite bleach, and the surfactant does not comprise aldehydic, methyl keto or hydroxyl
15 groups susceptible to oxidation by the hypochlorite.
13. The compositions of the present invention substantially described with reference to the Examples.

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